Welcome to Graphing

NIUSTEAM

Screen Time Graphing Resource

Below is a data table you will need to fill out based on the RAW Data – Screen Time (Elem screen_time) information. This will help you as you work towards seeing what the data is telling as you are graphing your data.

AGE	GENDER	TOTAL SCREEN TIME WEEKEND	SUM OF ALL GENDERS	AVERAGE (Divide the SUM by 3)
5	Female			
5	Male			
5	Other, Prefer Not to State			
6	Female			
6	Male			
6	Other, Prefer Not to State			
7	Female			
7	Male			
7	Other, Prefer Not to State			
8	Female			
8	Male			
8	Other, Prefer Not to State			
9	Female			
9	Male			
9	Other, Prefer Not to State			
10	Female			
10	Male			
10	Other, Prefer Not to State			

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Creating your Graphs:

On your graph paper you will be creating a graph so that others may quickly understand what work you did and the results of that work. Graphs are SUPER helpful when we are trying to make sense of large data sets.

1) On the graphing sheet, along the x-axis (along the bottom) title your axis AGE (Years). Then proceed to make tick marks every third line and add the ages in those 3 square spaces. It is important to have the title AND units on your axis.
2) On the y-axis (along the left side) title your axis Amount of Screen Time (Hours). You will need to decide how you will break up your time. Keep in mind it must be in EQUAL increments starting from 0 and ending with the largest ROUNDED UP number.
3) You will look at your data table and mark the correct amount of screen time for each age, making a bar up to that number, in the correct location. Color the bar in to make it more noticeable.
4) Add an appropriate title to your graph and you are done!

TITLE: _____

